

K35 Dense blue limestone with two small chert bands, each in the lower portion of a very fossiliferous layer. The fossils are almost wholly specimens of *Spirifer murchisoni* Castelnau. Upper Oriskany..... 3½ feet

K36 Strata concealed. Upper Oriskany..... 8 feet

K37 Dense, blue limestone. Upper Oriskany..... 2½ feet

K38 Dense blue limestone, exceedingly fossiliferous. Upper Oriskany 6 inches

53 *Meristella lata* Hall r

80 *Spirifer arenosus?* (Conrad) R

85 *S. murchisoni* Castelnau C

113 *Diaphorostoma ventricosum*
(Conrad)

K39 Very fossiliferous, dense, blue limestone. Upper Oriskany 18 inches

48 *Leptocoelia flabellites* (Conrad) c

53 *Meristella lata* Hall C

68 *Reticularia modesta* (Hall) r

88 *Stropheodonta becki* Hall r

127 *Tentaculites elongatus* Hall r

Phacops sp. R

K40 Blue limestone. The middle and upper parts are specially fossiliferous. *Tentaculites elongatus* Hall is by far the most noticeable fossil here. Upper Oriskany..... 2 feet

53 *Meristella lata* Hall C

85 *Spirifer murchisoni* Castelnau C

111 *Diaphorostoma desmatum*
Clarke r

127 *Tentaculites elongatus* Hall C
Phacops sp. R

K41 *Esopus strata* including the portion covered by the swamp between the Oriskany and the *Esopus*..... 550 feet

The gross structure of the *Esopus* is shown in figure 7.

K42 A dark arenaceous shale, cleaving into slate pencil-like pieces. Fossils, owing to the great development of cleavage, are exceedingly rare. The only species identified was *Coelospira acutiplicata* (Conrad), several specimens of which were found. This fossil-bearing horizon represents merely an inch or two of rock on the uppermost surface of the *Esopus*; for when followed southeastward, not a single fossil could be found though prolonged search was made for that purpose. Onondaga..... 1-2 inches

K43 The 29 feet of strata which are concealed beneath the Erie Railroad here outcrop almost a quarter of a mile to the southwest along the eastern side of the railroad tracks. The only fossil identi-